SEQUENCE LISTING

<110> Hilbush, Brian S

Hasel, Karl W

Sutcliffe, Gregor J

Chang, Hwai Wen

Callahan, Marie A

Quan, Jeanette

<120> Simplified Method For Indexing And Determining The
Relative Concentration Of Expressed Messenger RNAs

<130> 98,430

<140>

<141>

<150> US09/186,869

<151> 1998-11-04

<150> PCT/US99/23655

<151> 1999-10-14

<160> 32

<170> PatentIn Ver. 2.0

<210> 1

<211> 79

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

     primer (cDNA anchor primer) wherein base 1 is a

     biotinylated adenosine residue

<220>

<221> misc_feature

<222> (78)..(79)

<223> each n can represent a, c, g, or t

<400> 1

atgaattctc tagagattgc tacctcagtc tgagctccac cgcggtagta ctcactgctt 60

ttttttttttt ttttttvnn   79

<210> 2

<211> 48

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence : synthetic

     primer (cDNA anchor primer)

<220>

<221> misc_feature

<222> (47)..(48)

<223> each n can represent a, c, g, or t

<400> 2

gaattcaact ggaagcggcc gcaggaattt tttttttttt tttttvnn   48

<210> 3

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3' RT primer

<400> 3

gagctccacc gcggt   15

<210> 4

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3' PCR primer

<400> 4

gagctcgttt tcccag   16

<210> 5

<211> 65

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of

double stranded adapter

<400> 5

atgaattcgg taccaattaa ccctcactaa agggacagct tatcatcgct cgagctcgac 60

ggtat 65

<210> 6
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: other strand

of double stranded adapter

<400> 6

cgataccgtc gagctcgagc gatgataagc tgtccctttta gtgagggtta attggtaccg 60

aattcat 67

<210> 7
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:O1 (antisense

strand); double stranded adapter wherein base 1 is

a phosphorylated cytosine residue

<400> 7

cgataccgtc gacctcgagg tcccttagt gagggttaat tggtaccgaa tt   52

<210> 8

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: O2 (sense

   strand); double stranded adapter

<400> 8

aattcggtac caattaaccc tcactaaagg gacctcgagg tcgacggtat   50

<210> 9

<211> 56

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of

   double stranded adapter wherein base 1 is a

   phosphorylated guanosine residue

<400> 9

gatcctcacc acagagcttc gaggtccctt tagtgagggt taattggtac cgaatt   56

<210> 10

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of
     double stranded adapter

<400> 10

aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg ag   52

<210> 11
<211> 52
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of
     a double stranded adapter wherein base 1 is a
     phosphorylated cytosine residue

<400> 11

ctcaccacag agcttcgagg tccctttagt gagggttaat tggtaccgaa tt   52

<210> 12
<211> 56
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of
     double stranded adapter

<400> 12

aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg agcatg   56

<210> 13

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse

      transcriptase MN0 primer

<400> 13

cagtctgagt ccaccgcggt   20

<210> 14

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (21)

<223> n can represent a, c, g, or t

<400> 14

ctcgagctcg acggtatcgg n   21

<210> 15

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 15

cgacggtatc ggnnnn   16

<210> 16

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (19)

<223> n can represent a, c, g, or t

<400> 16

agctctgtgg tgaggatcn   19

<210> 17

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 17

gtggtgagga tcnnnn   16

<210> 18

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (19)

<223> n can represent a, c, g, or t

<400> 18

agctctgtgg tgagcatgn   19

<210> 19

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

    primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 19

gtggtgagca tgnnnn   16

<210> 20

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
       primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (22)

<223> n can represent a, c, g, or t

<400> 20

cctcgaggtc gacggtatcg an   22

<210> 21

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
       primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 21

cgacggtatc gannnn   16

<210> 22

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (NF-kB extended primer)

<400> 22

gatcgaatcc ggcccgcctg aatcattctc   30

<210> 23

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: first stuffer

      segment of anchor primer

<400> 23

agtactcact gc   12

<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: second stuffer

      segment of anchor primer

<400> 24

gattgctacc tcagtct   17

<210> 25

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (16)

<223> n can represent a, c, g, or t

<400> 25

gctcgacggt atcggn   16

<210> 26

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

      primer (5' PCR N2 primer)

<220>

<221> misc_feature

<222> (15)..(16)

<223> each n can represent a, c, g, or t

<400> 26

ctcgacggta tcggnn   16

<210> 27

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

        primer (5' PCR N3 primer)

<220>

<221> misc_feature

<222> (14)..(16)

<223> each n can represent a, c, g, or t

<400> 27

tcgacggtat cggnnn   16

<210> 28

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

  primer (5' PCR N5 primer)

<220>

<221> misc_feature

<222> (12)..(16)

<223> each n can represent a, c, g, or t

<400> 28

gacggtatcg gnnnnn   16

<210> 29

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

  primer (5' PCR N6 primer)

<220>

<221> misc_feature

<222> (11)..(16)

<223> each n can represent a, c, g, or t

<400> 29

acggtatcgg nnnnnn   16

<210> 30

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
      primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (16)

<223> n can represent a, c, g, or t

<400> 30

ggtcgacggt atcggn   16

<210> 31

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
      primer (5' RT primer)

<400> 31

aggtcgacgg tatcgg   16

<210> 32

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
       primer (5' RT primer)

<220>

<221> misc_feature

<222> (18)..(21)

<223> each n can represent a, c, g, or t

<400> 32

gagctcgacg gtatcggnnn n   21